

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF031516.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Mar 15 18:57:05 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BF085454.D 10 =BF085455.D 25 =BF085456.D 40 =BF085457.D 50 =BF085458.D 60 =BF085459.D 80 =BF085460.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.710	0.554	0.592	0.556	0.567	0.545	0.539	0.581	10.23
3)	Pyridine	1.383	1.346	1.457	1.369	1.361	1.381	1.351	1.378	2.73
4)	n-Nitrosodimet...	0.731	0.674	0.635	0.626	0.602	0.592	0.595	0.636	7.93
5) S	2-Fluorophenol	1.327	1.318	1.315	1.034	1.051	1.004	1.095	1.163	12.79
6)	Aniline	2.224	2.181	2.270	2.085	2.082	1.942	1.800	2.083	7.95
7) S	Phenol-d6	1.755	1.651	1.613	1.430	1.430	1.371	1.314	1.509	10.85
8)	2-Chlorophenol	1.608	1.555	1.450	1.251	1.304	1.177	1.206	1.364	12.68
9)	Benzaldehyde	1.005	0.973	0.895	0.669	0.671		0.843		19.27
10) C	Phenol	1.917	1.871	1.894	1.480	1.632	1.472	1.577	1.692	11.68
11)	bis(2-Chloroet...	1.446	1.506	1.275	1.220	1.320	1.151	1.189	1.301	10.21
12)	1,3-Dichlorobe...	1.695	1.687	1.511	1.479	1.465	1.417	1.329	1.512	8.95
13) C	1,4-Dichlorobe...	1.805	1.774	1.608	1.386	1.371	1.319	1.339	1.515	13.92
14)	1,2-Dichlorobe...	1.549	1.497	1.452	1.265	1.316	1.189	1.034	1.329	13.83
15)	Benzyl Alcohol	1.181	1.164	1.253	1.083	1.028	1.000	0.837	1.078	12.88
16)	2,2'-oxybis(1-...	1.990	1.967	1.799	1.726	1.683	1.640	1.596	1.772	8.78
17)	2-Methylphenol	1.191	1.138	1.248	1.170	1.108	1.108	1.030	1.142	6.11
18)	Hexachloroethane	0.602	0.597	0.590	0.545	0.551	0.517	0.486	0.556	7.88
19) P	n-Nitroso-di-n...		1.067	1.054	0.810	0.895	0.771	0.826	0.904	14.15
20)	3+4-Methylphenols		1.607	1.401	1.101	1.112	1.080	1.045	1.224	18.57
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.579	0.558	0.532	0.435	0.412	0.424		0.490	15.14
23) S	Nitrobenzene-d5	0.363	0.375	0.356	0.324	0.338	0.302	0.309	0.338	8.22
24)	Nitrobenzene	0.425	0.401	0.420	0.383	0.342	0.377	0.320	0.381	10.22
25)	Isophorone	0.753	0.707	0.730	0.679	0.671	0.650	0.638	0.690	6.11
26) C	2-Nitrophenol	0.168	0.185	0.190	0.191	0.201	0.184	0.158	0.183	8.04
27)	2,4-Dimethylph...	0.337	0.333	0.369	0.318	0.303	0.313	0.301	0.325	7.35
28)	bis(2-Chloroet...	0.458	0.473	0.407	0.408	0.408	0.392	0.342	0.412	10.42
29) C	2,4-Dichloroph...	0.276	0.281	0.296	0.250	0.252	0.238	0.252	0.263	7.99
30)	1,2,4-Trichlor...	0.347	0.339	0.313	0.293	0.287	0.279	0.274	0.304	9.57
31)	Naphthalene		1.211	1.017	0.961	0.937	0.910	0.828	0.977	13.36
32)	Benzoic acid		0.156	0.200	0.202	0.190	0.172	0.201	0.187	10.12
33)	4-Chloroaniline	0.483	0.469	0.417	0.415	0.423	0.403	0.333	0.420	11.64
34) C	Hexachlorobuta...	0.161	0.165	0.163	0.163	0.159	0.155	0.148	0.159	3.71
35)	Caprolactam	0.083	0.083	0.089	0.084	0.087	0.091	0.085	0.086	3.73
36) C	4-Chloro-3-met...	0.339	0.362	0.299	0.264	0.285	0.261	0.296	0.301	12.47
37)	2-Methylnaphth...	0.682	0.688	0.697	0.538	0.585	0.523		0.619	12.85

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF031516.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.682	0.631	0.576	0.663	0.614	0.619	0.570	0.622	6.68
40) P	Hexachlorocycl...		0.252	0.286	0.331	0.303	0.316	0.315	0.301	9.32
41) S	2,4,6-Tribromo...	0.156	0.170	0.194	0.204	0.176	0.197	0.192	0.184	9.42
42) C	2,4,6-Trichlor...	0.408	0.440	0.434	0.411	0.395	0.390	0.397	0.411	4.77
43)	2,4,5-Trichlor...	0.436	0.416	0.405	0.432	0.429	0.405	0.381	0.415	4.73
44) S	2-Fluorobiphenyl		1.437	1.337	1.082	1.128	1.000	0.933	1.153	17.00
45)	1,1'-Biphenyl		1.981	1.650	1.650	1.711	1.555	1.248	1.632	14.56
46)	2-Chloronaphth...	1.374	1.302	1.296	1.188	1.234	1.135	1.033	1.223	9.41
47)	2-Nitroaniline	0.375	0.373	0.405	0.360	0.369	0.334	0.376	0.370	5.68
48)	Acenaphthylene	2.166	2.153	2.238	1.874	1.805	1.774	1.839	1.979	10.01
49)	Dimethylphthalate	1.594	1.629	1.445	1.495	1.304	1.442	1.304	1.459	8.72
50)	2,6-Dinitrotol...	0.286	0.298	0.342	0.373	0.340	0.357	0.261	0.322	12.79
51) C	Acenaphthene	1.324	1.340	1.351	1.234	1.121	1.152	1.188	1.244	7.63
52)	3-Nitroaniline	0.379	0.383	0.411	0.423	0.338	0.415	0.350	0.385	8.52
53) P	2,4-Dinitrophenol		0.076	0.133	0.170	0.152	0.176	0.178	0.147	26.56
54)	Dibenzofuran	1.732	1.664	1.716	1.440	1.375	1.369	1.403	1.528	10.94
55) P	4-Nitrophenol	0.233	0.275	0.256	0.263	0.269	0.268	0.293	0.265	6.94
56)	2,4-Dinitrotol...	0.365	0.410	0.404	0.430	0.457	0.390	0.375	0.404	7.86
57)	Fluorene		1.448	1.428	1.133	1.125	1.093	1.086	1.219	14.02
58)	2,3,4,6-Tetrac...	0.278	0.294	0.292	0.297	0.270	0.289	0.275	0.285	3.66
59)	Diethylphthalate	1.696	1.480	1.490	1.297	1.336	1.247	1.341	1.413	10.92
60)	4-Chlorophenyl...	0.728	0.723	0.633	0.605	0.553	0.565	0.575	0.626	11.66
61)	4-Nitroaniline	0.370	0.345	0.364	0.386	0.339	0.395	0.338	0.362	6.33
62)	Azobenzene	1.528	1.555	1.380	1.398	1.325	1.292	1.341	1.403	7.22
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.077	0.116	0.137	0.138	0.124	0.125	0.119	18.64
65) c	n-Nitrosodiphe...	0.736	0.695	0.624	0.575	0.610	0.516	0.558	0.616	12.50
66)	4-Bromophenyl-...	0.221	0.214	0.214	0.196	0.190	0.185	0.198	0.202	6.78
67)	Hexachlorobenzene	0.209	0.217	0.221	0.204	0.198	0.197	0.216	0.209	4.61
68)	Atrazine	0.194	0.214	0.175	0.163	0.169	0.143		0.176	14.12
69) C	Pentachlorophenol		0.088	0.110	0.121	0.123	0.116	0.106	0.111	11.65
70)	Phenanthrene	1.216	1.163	1.121	0.968	0.931	0.926	0.967	1.042	11.63
71)	Anthracene	1.271	1.167	1.123	1.034	1.082	0.937	0.814	1.061	14.22
72)	Carbazole	1.013	0.994	1.006	0.824	0.812	0.789	0.847	0.898	11.27
73)	Di-n-butylphth...		1.303	1.266	1.073	1.122	1.007	0.902	1.112	13.74
74) C	Fluoranthene	1.122	1.129	1.098	0.893	0.919	0.845	0.849	0.979	13.38
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.616	0.738	0.698	0.582	0.562	0.531		0.621	13.01
77)	Pyrene	1.669	1.658	1.744	1.393	1.377	1.289	1.371	1.500	12.20
78) S	Terphenyl-d14	1.038	0.977	0.879	0.882	0.906	0.810	0.697	0.884	12.48
79)	Butylbenzylpht...	0.660	0.699	0.725	0.666	0.672	0.618	0.552	0.656	8.64
80)	Benzo(a)anthra...	1.340	1.259	1.203	1.101	1.140	1.026	0.958	1.147	11.57
81)	3,3'-Dichlorob...	0.412	0.422	0.393	0.401	0.379	0.363	0.346	0.388	6.97
82)	Chrysene	1.271	1.221	1.201	0.902	0.870	0.839	0.915	1.031	18.39

Method Path : Z:\HPCHEM1\BNA_F\METHODS\

Method File : 8270-BF031516.M

83)	Bis(2-ethylhex...	0.871	0.860	0.855	0.795	0.774	0.739	0.708	0.800	7.99
84) c	Di-n-octyl pht...	1.293	1.251	1.247	1.146	1.154	1.069	1.017	1.168	8.71
85)	Indeno(1,2,3-c...	0.928	0.895	0.970	1.050	1.015	0.964	1.023	0.978	5.63
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.287	1.600	1.430	1.145	1.160	1.147	1.375	1.306	13.25
88)	Benzo(k)fluora...		0.968	0.981	1.121	1.134	1.154	0.779	1.023	14.06
89) C	Benzo(a)pyrene	1.222	1.177	1.136	1.104	1.087	1.120	1.054	1.128	5.01
90)	Dibenzo(a,h)an...	1.091	1.053	1.125	1.132	1.106	1.112	1.098	1.102	2.38
91)	Benzo(g,h,i)pe...	1.115	1.069	1.149	1.156	1.109	1.140	1.142	1.126	2.72

(#) = Out of Range